



U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
**ENVIRONMENTAL  
MANAGEMENT**

# Idaho Cleanup Project (ICP) Safety

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# Integrated Safety Management

- Integrated Safety Management (ISM)
  - *Systematically integrate safety into management and work practices at all levels in the planning and execution of work.*
  - *Work [will] be conducted safely and efficiently and in a manner that ensures protection of workers, the public, and the environment.*
- DOE-ID approval of ISMS Program Description prior to contract takeover
  - Must be integrated with Quality Assurance Program (10 CFR 830 Subpart A)
- External ISMS Program Verification following contract assumption
  - Phase I – ISMS Program adequately documented
  - Phase II – ISMS Program effectively implemented

# Safety Management Programs

- DOE-ID approval of Required Safety Management Programs before takeover
  - 10 CFR 830 Subpart A – Nuclear Quality Assurance Requirements (Quality Assurance Program)
  - 10 CFR 830 Subpart B – Nuclear Safety Basis (Unreviewed Safety Question Process)
    - New Contractor(s) adopt DOE approved Safety Bases/Documented Safety Analyses
  - 10 CFR 835 – Occupational Radiological Protection (Radiation Protection Program)
  - 10 CFR 851 – Worker Safety and Health (WS&H) Program (WS&H Program encompassing all applicable WS&H Functional Areas listed in Appendix A.)
- Voluntary Protection Program (VPP)
  - New Contractor(s) documents whether to continue/maintain existing VPP

# ICP Nuclear Facilities

- Idaho Nuclear Technology and Engineering Center (INTEC)
  - New Waste Calcining Facility/Fluorinel Dissolution Process (SAR-103)
  - INTEC Waste Management Facility (SAR-103A)
  - Process Equipment Waste Evaporator (SAR-108)
  - Integrated Waste Treatment Unit (SAR-219)
  - Tank Farm Facility (SAR-107)
  - Calcined Solids Storage Facilities (SAR-105)
  - CPP-749 Underground Fuel Storage Facility (SAR-112)
  - CPP-666 Fuel Storage Facility (SAR-113)
  - CPP-603 Irradiated Fuel Storage Facility (SAR-114)
  - Remote Analytical Laboratory (SAR-120)
- Radioactive Waste Management Complex (RWMC)
  - AMWTP
  - RWMC Operations (SAR-4)
- Other
  - Generic Decommissioning and Decontamination Activities (SAR-217)
  - Transportation Activities (PRD-310/PLN-1851)